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PTO/SB/05 (08-00)

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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53 (b))

Attorney Docket No. CSCO-009/4342

First Inventor BANGOLAE et al

Title Reducing Overhead When Using Loopback Cells for Fault Detection in Bi-Directional Virtual Circuits

Express Mail label No.

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)

(Submit an original and a duplicate for fee processing)

2. ☐ Applicant claims email status.

See 37 CFR 1.27.

3. ☒ ☐ (Total Pages) 25  
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the disclosure

4. ☐ Drawing(s) (35 U.S.C. 113) (Total Sheets) 4

5. Oath or Declaration (Total Pages) 3

a. ☒ Newly executed (original or copy)b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).6. ☐ Application Data Sheet. See 37 CFR 1.76**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 202317. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); orii. ☐ paperc. ☐ Statements verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**9. ☒ Assignment Papers (cover sheet & document(s))10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney11. ☐ English Translation Document (if applicable)12. ☐ Information Disclosure Statement (IDS) PTO-1449 ☐ Copies of IDS Citations13. ☐ Preliminary Amendment14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)16. ☒ Other: (1) Request and Certification under 35 U.S.C. 122(b)(2)(B)(i)  
(2) Credit card payment Form

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.:

Prior application information: Examiner:

Group/Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label(Insert Customer No. or Address Bar code label here)  
26392or ☐ Correspondence address below

Name Narendra R. Thappeta

Law Firm of Naren Thappeta

9/D, 1ST Floor, 80 Feet Road  
Opp. Police Station  
8TH Block, Koramangala

Address

City BANGALORE

State

KARNATAKA

Zip Code

560 095

Country

INDIA

Telephone

+1(510)342-2519 x6580

Fax

+1(510)342-2519 x6580

Name (Print/Type)

Narendra R. Thappeta

Registration No. (Attorney/Agent)

41,416

Signature

Naren Thappeta

Date

August 6, 2001

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08/09/01

J1046 U.S. PTO

J-978 U.S. PTO

09/924722

08/09/01

# FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

Complete if Known

TOTAL AMOUNT OF PAYMENT		(\$) <b>1048.00</b>		Application Number	
				Filing Date	
				First Named Inventor	BANGOLAE <i>et al</i>
				Examiner Name	
				Group/Art Unit	
				Attorney Docket No.	CSCO-009/4342

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number **20-0574**

Deposit Account Name **Law Firm of Naren Thappeta**

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. ☒ Payment Enclosed:

☐ Check ☐ Money Order ☒ Other Credit Card

## FEE CALCULATION

1. BASIC FILING FEE		Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
106	710	201	355	Utility filing fee	\$ 710.00
107	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1) (\$)					710.00

## 2. EXTRA CLAIM FEE

Total Claims	Extra Claims	Fee from below	Fee Paid
32	-20**= 12	X 18	= 216.00
Independent Claims	-3**= 1	X 80	= 80.00
Multiple Dependent			

\*\*for number previously paid, if greater; For Reissues, see below

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Code	Fee (\$)		
103	18	203 9 Claims in excess of 20	
102	80	202 40 Independent claims in excess of 3	
104	270	204 135 Multiple dependent claim, if not paid	
109	80	209 40 **Reissue independent claims over original patent	
110	18	210 9 ** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)			296.00

## 3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Code	Fee (\$)		
105	130	205 65 Surcharge - late filing fee or oath	
127	50	227 25 Surcharge - late provisional filing fee or cover sheet	
139	130	139 130 Non-English specification	
147	2,520	147 2,520 For filing a request for reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for reply within first month	
116	390	216 195 Extension for reply within second month	
117	890	217 445 Extension for reply within third month	
118	1,390	218 695 Extension for reply within fourth month	
128	1,690	228 945 Extension for reply within fifth month	
119	310	219 155 Notice of Appeal	
120	320	220 155 Filing a brief in support of an appeal	
121	270	221 135 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 55 Petition to revive - unavoidable	
141	1,240	241 620 Petition to revive - unintentional	
142	1,240	242 620 Utility issue fee (or reissue)	
143	440	243 220 Design issue fee	
144	600	244 300 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Petitions related to provisional applications	
126	240	126 240 Submission of Information Disclosure Stmt	
581	40	581 40 Recording each patent assignment per property (times number of properties)	\$ 40.00
146	710	246 355 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249 355 For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify) _____			
Other fee (specify) _____			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3) (\$)			40.00

## SUBMITTED BY

Name (Print/Type)	Narendra R. Thappeta	Registration No. (Attorney/Agent)	41,416	Telephone	+1(510)342-2519x580
Signature	<i>Naren Thappeta</i>	Date	August 6, 2001		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization of PTO-2038.

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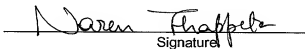
**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	BANGOLAE <i>et al</i>	
Title	Reducing Overhead When Using Loopback Cells for Fault Detection in Bi-Directional Virtual Circuits	
Atty Docket Number	CSCO-009/4342	

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

August 6, 2001

Date

  
Signature

Narendra R. Thappeta

Typed or printed name

Attorney Registration No.: 41,416

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.